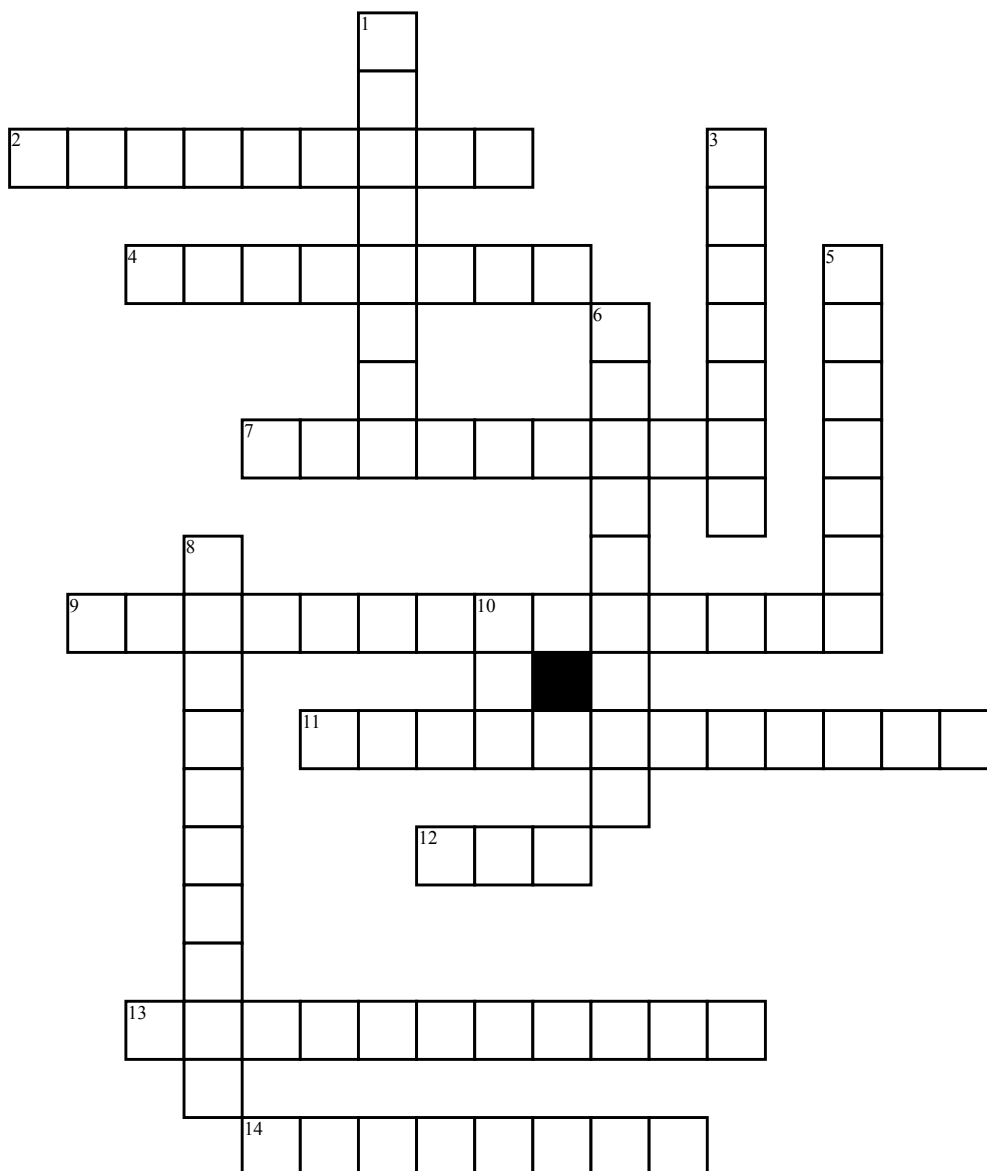


Introduction to Ecology Vocabulary Section 3



Across

2. eat only plants (primary)
 4. obtains energy by consuming organic molecules made by other organisms
 7. eat only other animals (secondary)
 9. when bacteria use energy in organic molecules to produce carbohydrates
 11. indicates an organism's position in a sequence of energy transfers; different energy levels in a food chain

12. the rate at which producers in an ecosystem capture the energy of sunlight by producing organic compounds

13. feed on dead organisms; also known as scavengers
 14. eat both plants and animals (secondary)

Down

1. when autotrophs capture energy and use it to make organic molecules

3. shows feeding relationships in an ecosystem and is a series of connected food chains

5. the organic material that is being produced in an ecosystem

6. single pathway of feeding relationships among organisms in an ecosystem that results in energy transfer

8. breaks down organic matter; earth worm is an example

10. measures the rate at which biomass accumulates